

From: [Moore, Toby](#)
To: [Perina, Tom/RIV](#)
Cc: [Deschambault.Lynda@epamail.epa.gov](#); [Chavez, Ana](#); [Brophy, Katherine](#)
Subject: RE: CH2M_EPA Data Request - GSWC Norwalk System Wells
Date: Monday, June 15, 2009 10:59:01 AM
Attachments: [Freon data Pioneer 12 Dace1.xlsx](#)

Tom-

Attached are the Freon data from samples analyzed from these three wells. I doesn't appear that we have analyzed for Freon 113 but we could look into that in the future. Per our phone discussion this morning, I will also research and provide you the average TDS values for these wells.

Toby B. Moore, PhD, PG, CHG

Water Resource Manager/Chief Hydrogeologist
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From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Tuesday, June 09, 2009 12:32 PM
To: Moore, Toby
Cc: Deschambault.Lynda@epamail.epa.gov; Chavez, Ana; Brophy, Katherine
Subject: RE: CH2M_EPA Data Request - GSWC Norwalk System Wells

Toby,

Are the samples analyzed for Freons?

We are particularly interested in Freon 11 (Trichlorofluoromethane) and Freon 113 (1,1,2-Trichloro-1,2,2-Trifluoroethane).

Tom

From: Moore, Toby [mailto:TobyMoore@gswater.com]
Sent: Tuesday, June 09, 2009 11:32 AM
To: Perina, Tom/RIV
Cc: Deschambault.Lynda@epamail.epa.gov; Chavez, Ana; Brophy, Katherine
Subject: RE: CH2M_EPA Data Request - GSWC Norwalk System Wells

Tom-

Per your request, please find attached the following data:

3S/11W-07E01S = GSWC Pioneer #1

· Well log by Excelsior Water Co. dated January 27, 1949

- Analytical data for VOCs detected: TCE, PCE, 1,1-DCE, 1,4-Dioxane; all initially detected in 1985 except 1,4-Dioxane detected in 2003
- This well has VOC treatment using GAC
- Production Rate = 540 gpm

3S/11W-07E02S = GSWC Pioneer #2

- Well log by Excelsior Water Co. dated November 2, 1949
- Analytical data for VOCs detected: TCE, PCE, 1,1-DCE, 1,1,1-TCA, 1,4-Dioxane; initial detections were 1980, 1990, 1994, 1994, and 2004, respectively.
- This well has VOC treatment using GAC
- Production Rate = 388 gpm

3S/11W-18G05S = GSWC Dace #1

- State Well Log dated March 21, 1955
- Analytical data for VOCs detected: TCE, PCE, 1,1-DCE all initially detected in 1985
- 1,1-DCE was initially detected at 0.7 ug/l on 10/17/85 (was not included on attached printout)
- This well has VOC treatment using GAC
- Production Rate = 310 gpm

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From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Tuesday, April 21, 2009 11:40 AM
To: Moore, Toby
Cc: Deschambault.Lynda@epamail.epa.gov; Chavez, Ana
Subject: RE: CH2M_EPA Data Request - GSWC Norwalk System Wells

Hi Toby,

as we discussed, please send me analytical data (detects for VOCs/SVOCs, and also if you have emergent compounds such as 1,4-dioxane, hexachrome) for the last about a year. Also, I would like to know when VOCs (or other contaminants) were first detected. And any supplemental information (geophysical logs,...). I will be looking forward to receiving this information during the next couple of weeks.

We will contact you regarding the display of the well locations should we determine it necessary to

show the general, approximate locations of the wells on publicly available maps.

Below is the link to the Remedial Investigation report for the Omega site:

<ftp://ftp.ch2m.com/OmegaChemical/>

EXT USER NAME: EPA1

EXT USER PASSWORD: Omega1

Please do not hesitate to contact me or Lynda Deschambault/EPA if you have any questions. I am sure that we will discuss the Omega plume again.

Regards,

Tom

From: Moore, Toby [mailto:TobyMoore@gswater.com]
Sent: Monday, April 20, 2009 6:02 PM
To: Perina, Tom/RIV
Cc: Deschambault.Lynda@epamail.epa.gov; Chavez, Ana
Subject: CH2M_EPA Data Request - GSWC Norwalk System Wells

Mr. Perina,

GSWC has received your request and will begin processing a response. The three wells correspond to our Pioneer #1 and #2 and Dace wells which all have VOC treatment. As such, I would like clarification as to the time period you would like analytical data from these wells. All analytical data is also available directly from DPH. However, we can provide you the most recent analytical data for the VOC and SVOC analytical suite and/or multiple years for specific analytes. Please let us know your data needs.

Toby B. Moore, PhD, PG, CHG

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From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Monday, April 20, 2009 5:39 PM
To: Moore, Toby
Cc: Deschambault.Lynda@epamail.epa.gov
Subject: request for information on production wells

Dear Mr. Moore,

as a consultant to the US Environmental Protection Agency, CH2M HILL is collecting information on production wells in the vicinity of the Omega Chemical Corporation Superfund Site, Operable Unit 2

(OU2). The purpose of this data collection is to protect the drinking water sources near OU2 from potential contamination. I am asking for your assistance with this effort.

Specifically, we need the following data on production wells 3S/11W-07E01S, 3S/11W-07E02S, and 3S/11W-18G05S operated by the Golden State Water Company:

- Well screen intervals (depth to the top of screen, depth to the bottom of screen, and depths to any blank casing intervals if present).
- Current and projected future production rates.
- Analytical results for volatile and semivolatile organic compounds in the extracted groundwater.
- Spinner log results if available.

Please do not hesitate to contact me if you have any questions. Your cooperation in this matter will be highly appreciated.

Regards,

Tom Perina, PhD, PG, CHG
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